

AMENDMENTS TO THE CLAIMS

1. – 5. (Cancelled)

6. (Amended) The trip unit of Claim 522 wherein said means for latching said rotary plunger in said first position and for releasing said rotary plunger from said first position further includes a trip actuator having a linear plunger engaging said rotary trip lever, in order to rotate said rotary trip lever to engage the second tab of said trip bar.

7. – 10. (Cancelled)

11. (Original) A trip unit comprising:

a housing;

a rotary plunger pivotally mounted with respect to said housing, said rotary plunger having a first position and a second position, a portion of said rotary plunger being pivoted outside of said housing in said second position;

a trip bar pivotally mounted with respect to said housing, said trip bar including a first tab latching said rotary plunger in said first position and releasing said rotary plunger from said first position, said trip bar also including a second tab;

a trip actuator including a member engaging the second tab of said trip bar, in order to pivot said trip bar and release said rotary plunger from said first position;

means for biasing said trip bar, in order that said first tab latches said rotary plunger in said first position; and

means for biasing said rotary plunger to said second position.

12. (Original) The trip unit of Claim 11 wherein said trip actuator further includes a solenoid having a linear plunger, wherein the member of said trip actuator is a trip lever pivotally mounted with respect to said housing, said linear plunger engaging and pivoting said trip lever, in order to engage the second tab of said trip bar, pivot said trip bar and release said rotary plunger from said first position.

13. (Original) The trip unit of Claim 11 wherein said trip bar further includes a third tab; and wherein said means for biasing said trip bar is a spring engaging said housing and the third tab of said trip bar, in order that said first tab latches said rotary plunger in said first position.

14. (Original) The trip unit of Claim 11 wherein said rotary plunger includes a first pivot engaging said housing; and wherein said means for biasing said rotary plunger to said second position includes a member engaging said housing at a position offset from said first pivot, a second pivot engaging said rotary plunger at a position offset from said first pivot, a first spring and a second spring, said member and said second pivot including a first end and a second end, said first spring engaging the first ends of said second pivot and said member, and said second spring engaging the second ends of said second pivot and said member.

15 - 21 (Cancelled)

22 (New) A trip unit comprising:

a housing;

a rotary plunger pivotally mounted with respect to said housing, said rotary plunger having a first position and a second position, a portion of said rotary plunger being pivoted outside of said housing in said second position;

means for latching said rotary plunger in said first position and for releasing said rotary plunger from said first position;

wherein said rotary plunger includes a latch surface within said housing; and wherein said trip bar includes a tab engaging the latch surface of said rotary plunger, in order to latch said rotary plunger in said first position.; and

wherein the tab of said trip bar is a first tab; wherein said trip bar includes a second tab; wherein said means for latching said rotary plunger in said first position and for releasing said rotary plunger from said first position further includes a rotary trip lever pivotally mounted within said housing, said rotary trip lever engaging the second tab of said trip bar, in order to rotate said trip bar and disengage the first tab from the latch surface of said rotary plunger, in order to release said rotary plunger from said first position.